

Iowa Crops & Weather



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Scattered Storms and Rapid Development

Some areas of Iowa saw high winds and hail accompanying rain this week. However, parts of East Central Iowa remain parched with corn curling in the heat of the day. Reports of curling corn were also received from isolated areas in Southwestern Iowa. Corn is near tasseling in many areas of the State with conditions most advanced in the southern one-third of the Iowa. Early planted soybeans are closing the rows in 30 inch rows in some areas of the State.

There were 4.2 **days suitable for fieldwork**, compared to 5.7 days the previous week and 5.0 days last year at this time. **Topsoil moisture** rated 7 percent very short, 17 percent short, 67 percent adequate, and 9 percent surplus across Iowa. **Subsoil moisture** rated 5 percent very short, 17 percent short, 68 percent adequate, and 10 percent surplus.

Field Crops Report: **Corn condition** was rated 1 percent very poor, 3 percent poor, 18 percent fair, 54 percent good, and 24 percent excellent. Average corn height was reported at 51 inches, up 15 inches from a week ago. **Soybean acreage** blooming reached 21 percent, equivalent to the 5-year average. **Soybean condition** was rated 1 percent very poor, 3 percent poor, 19 percent fair, 55 percent good, and 22 percent excellent. **Oat acreage headed** is nearly complete. The **oat acreage turning color** was 54 percent, compared to 20 percent the previous week and 22 percentage points ahead of the 5-year average of 32 percent. **Oat condition** was rated 4 percent poor, 23 percent fair, 58 percent good, and 15 percent excellent. The **second cutting of alfalfa** was 33 percent complete, one week ahead of the previous year. **Hay condition** was 1 percent very poor, 5 percent poor, 24 percent fair, 57 percent good, and 13 percent excellent.

Livestock, Pasture, and Range Report: The cooler, less humid conditions of the past week were favorable for Iowa's livestock. **Pasture and range condition** was rated 1 percent very poor, 7 percent poor, 27 percent fair, 57 percent good, and

8 percent excellent.

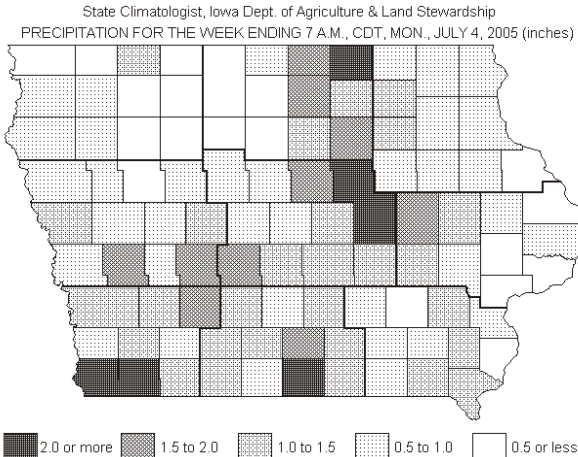
Iowa Weather Summary

The past work week began with hot and humid conditions on Monday (27th) with afternoon temperatures in the 90's over all but far northwest Iowa. Daytime temperatures on Tuesday (28th) were in the 80's in most areas with readings climbing into the 90's across much of southern Iowa on Wednesday (29th). Temperatures were near seasonal norms on Thursday (30th) with highs in the 80's. July began on the cool side of normal with highs only in the 70's statewide on Friday (1st) and across the east again on Saturday (2nd). Temperatures were back up to normal on Sunday (3rd) with highs again in the 80's. Temperature extremes for the week ranged from Monday (27th) afternoon highs of 96 degrees at Iowa City Airport, Bedford and Shenandoah to a Saturday (2nd) morning low of 47 degrees at Cresco. Temperatures for the week as a whole averaged 1.1 degrees above normal.

There were three periods with thunderstorm activity during the week. The first covered all of Iowa between Monday (27th) afternoon and Tuesday (28th) morning with heaviest rains in southwest, south central and central Iowa where Traer recorded 2.85 inches. The second rain episode missed a small portion of northwestern Iowa but dampened much of the state between Wednesday (29th) morning and Thursday (30th) morning. Rainfall totals with these mid-week storms were mostly less than an inch, however, damaging winds were reported from 38 counties on Wednesday night. The final period of storms began Sunday (3rd) morning and continued into the morning of the 4th. These weekend storms were more scattered in nature but did bring an area of more than an inch of rain in a narrow band along Interstate 80 in western and central Iowa. Weekly rainfall totals varied from only 0.05 inches at Emmetsburg to 3.59 inches at Parkersburg. The statewide average precipitation was 0.95 inches or just slightly less than the weekly normal of 1.03 inches.

Statewide Crop Conditions as of July 3, 2005

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Corn	1	3	18	54	24
Hay, all	1	5	24	57	13
Oats	0	4	23	58	15
Range & Pasture	1	7	27	57	8
Soybeans	1	3	19	55	22



Field Work and Crop Progress as of July 3, 2005

Item	Districts									State	Last Week	Last Year	Normal
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>
Corn, average tallest height	61	52	66	69	67	69	74	72	71	65	48	64	57
Corn, average height	48	40	49	54	54	54	60	56	53	51	36	49	44
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Soybeans blooming	21	24	37	9	15	20	34	12	23	21	0	1	21
Oats turning color	37	35	48	45	53	73	62	63	56	54	20	42	32
Hay, alfalfa - second crop harvested	27	24	36	28	24	32	42	28	42	33	10	17	16

Days Suitable & Soil Moisture Condition as of July 3, 2005

Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days
Days suitable	4.1	3.0	3.7	4.3	3.5	5.3	4.6	5.0	5.4	4.2	5.7	5.0
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Topsoil moisture												
Very short	0	0	3	1	1	33	9	4	15	7	7	1
Short	8	1	16	8	11	29	20	30	45	17	26	7
Adequate	78	80	68	81	75	38	70	57	40	67	58	77
Surplus	14	19	13	10	13	0	1	9	0	9	9	15
Subsoil moisture												
Very short	0	0	10	1	0	23	7	2	7	5	4	1
Short	4	1	18	10	15	28	20	34	35	17	19	7
Adequate	81	79	60	77	72	49	72	53	58	68	68	76
Surplus	15	20	12	12	13	0	1	11	0	10	9	16

Weather Summary For Iowa Agricultural Statistics Service Prepared by AWIS, Inc. For the week ending: Sunday, July 3, 2005										
STATION	CURRENT WEEK						SINCE APRIL 1		CURRENT WEEK	
	TEMPERATURE				PRECIPITATION		PRECIPITATION		GDD BASE 50F	
	HI	LO	AVG	DFN	TOTAL	DFN	TOTAL	DFN	TOTAL	DFN
Estherville Sioux Center Spencer Spirit Lake	North West District									
	90	56	73	3	0.52	-0.37	10.01	-0.55	166	21
	90	54	75	3	0.59	-0.37	10.95	0.23	179	18
	90	54	75	4	0.82	-0.09	11.68	1.14	178	25
	87	56	74	4	1.25	0.28	13.09	2.81	168	-1
Britt Humboldt Mason City Northwood	North Central District									
	88	55	72	-1	0.10	-0.95	16.40	4.91	156	-2
	89	58	72	-1	0.49	-0.56	16.60	4.79	158	1
	89	54	72	2	0.25	-0.80	16.97	4.95	159	10
	88	54	72	0	1.33	0.35	17.44	6.20	154	3
Decorah Dubuque Elkader Independence Waterloo	North East District									
	91	50	73	2	1.13	0.15	11.40	-0.53	161	10
	90	51	72	1	0.16	-0.75	8.06	-4.44	153	8
	91	48	71	-1	1.15	0.24	10.30	-1.12	148	-24
	90	52	72	2	1.42	0.37	14.56	2.33	157	-17
Waterloo	90	53	73	2	0.77	-0.35	13.93	1.60	164	11
Audubon Carroll Castana Guthrie Center Harlan Jefferson Logan Rockwell City Sioux City	West Central District									
	91	57	74	0	0.66	-0.32	13.47	1.18	170	2
	90	58	74	2	0.55	-0.56	11.14	-1.87	169	10
	90	57	74	0	2.69	1.79	15.28	3.53	169	15
	93	55	74	2	1.34	0.35	18.63	5.90	172	11
	92	56	74	0	1.68	0.71	12.59	0.32	171	12
	92	58	75	3	1.18	0.07	10.17	-2.84	177	18
	92	56	76	2	0.50	-0.43	13.87	1.73	185	13
	90	57	74	1	0.87	-0.18	14.67	2.86	170	4
	93	57	78	4	0.77	-0.05	11.70	1.64	195	26
Ames Boone Des Moines Eldora Marshalltown Newton Perry Toledo	Central District									
	91	54	74	3	0.70	-0.42	12.10	-0.98	170	16
	91	56	74	2	0.79	-0.28	10.21	-3.25	166	9
	92	61	77	2	0.24	-0.72	14.57	2.70	188	12
	91	56	73	2	2.10	0.98	15.10	2.46	165	9
	90	54	73	2	0.33	-0.74	13.22	0.80	166	10
	94	54	74	2	0.43	-0.53	13.72	1.33	172	7
	92	58	75	3	0.79	-0.22	13.95	1.38	178	20
	90	55	73	2	1.41	0.36	12.37	-0.28	160	7
Cedar Rapids Davenport Iowa City Lowden Maquoketa Muscatine	East Central District									
	90	52	73	0	0.84	-0.19	10.86	-1.02	161	-1
	93	50	74	-1	0.50	-0.47	4.20	-7.48	170	1
	97	56	77	3	1.07	-0.05	7.65	-5.10	191	15
	92	52	74	2	0.75	-0.33	7.52	-5.62	167	8
	93	49	72	1	0.22	-0.75	5.30	-6.72	158	3
	93	55	75	1	0.83	-0.22	8.46	-3.77	175	27
Clarinda Glenwood Oakland Red Oak Sidney	South West District									
	94	58	76	2	1.59	0.47	16.17	3.06	181	9
	92	56	77	3	0.84	-0.15	13.85	1.07	188	16
	92	58	76	4	1.10	0.08	12.50	0.37	185	23
	94	60	77	2	1.07	-0.07	12.34	-1.24	192	13
Allerton Beaconsfield Chariton Indianola Leon	95	61	77	2	1.70	0.66	13.81	1.75	189	10
	South Central District									
	92	57	75	2	3.47	2.42	12.81	0.58	175	37
	91	58	74	2	0.88	-0.17	13.38	1.31	171	7
	93	53	74	2	1.94	0.82	12.93	0.06	171	8
Bloomfield Burlington Otumwa	90	58	74	1	0.58	-0.43	14.70	1.98	169	5
	91	57	74	1	0.76	-0.18	9.91	-2.82	172	7
	South East District									
	93	57	75	1	0.69	-0.29	12.49	0.21	178	6
	94	56	76	2	0.32	-0.66	8.40	-3.36	185	13
	94	54	75	0	0.49	-0.48	9.51	-1.96	180	4

Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit. Copyright 2005: AWIS, Inc. All Rights Reserved.